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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REVOCATION OF PRIOR POWERS OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

As assignee of record of the entire interest of the following identified applications:

Application Number	Filing Date	First Named Inventor	Art Unit	Examiner	Attorney's Docket	Record of Assignment (Reel/Frame)
10/350,777	01/24/2003	BLEJDE	1725	TRAN	201141.00034	013973/0117
10/401,300	03/27/2003	STREZOV	1742	YEE	201141.00035	014251/0308
10/411,846	04/11/2003	BLEJDE	1725	KERNS	201141.00020	014731/0729
10/417,694	04/17/2003	BLEJDE	1725	TRAN	201141.00032	014696/0618
10/436,336	05/12/2003	BLEJDE	1725	TRAN	201141.00036	014070/0664
10/689,284	10/20/2003	STREZOV	1725	LIN	201141.00039	012228/0924
10/761,947	01/21/2004	BLEJDE	1725	TRAN	201141.00095	015349/0622
10/761,953	01/21/2004	BLEJDE	1725.	TRAN	201141.00091	014877/0067
10/886,720	07/08/2004	BLEJDE	1742	KASTLER	201141.00097	013471/0098
10/805,831	.03/22/2004	ALWIN	1742		201141.00093	015126/0407
10/869,362	06/16/2004	CARSON	1742		201141.00094	015486/0311
10/961,300	10/08/2004	MAHAPATRA	1725		201141.00103	COPY ATTACHED; CLIENT REF.# 425
11/000,593	12/01/2004	BLEJDE	1725		201141.00098	013973/0117
11/005,722	12/07/2004	COOPER	1725		201141.00102	015659/0679
11/010,625	12/13/2004	SCHLICHTING	1725		201141.00100	015714/0436
11/039,013	01/20/2005	ONDROVIC	3725		201141.00106	COPY ATTACHED; CLIENT REF.# -
11/052,408	02/07/2005	BLEJDE	1725		201141.00099	014070/0664
11/059,137	02/15/2005	BLEJDE	1775		201141.00096	COPY ATTACHED; CLIENT REF.# .435
11/084,649	03/19/2005	ALWIN	1742		201141.00116	COPY ATTACHED; CLIENT REF.# .427
11/085,727	03/21/2005	ONDROVIC	1725		201141.00101	COPY ATTACHED; CLIENT REF# .440

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given for the above identified applications are hereby revoked; and

Power of Attorney by Assignee of Entire Interest-page 1 of 2

Akroa - 96668.1

NEW POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute and transact all business in the Patent and Trademark Office connected therewith.

All Attorneys and Agents associated with

Customer Number 021324

SEND CORRESPONDENCE TO:

Customer No. 021324

Hahn Loeser + Parks, LLP

One GOJO Plaza

Suite 300

Akron, Ohio 44311-1076

Assignee of the Entire Interest:

Nucor Corporation
2100 Rexford Road
Charlotte, North Carolina 28211

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION PER 37 C.F.R. § 3.73(b)

Documentary evidence of a chain of title from the original owner to the assignee is recorded in the assignment records of the U.S. Patent and Trademark Office on Reel and Frame Numbers referenced above, or as indicated in the attached copies as referenced above.

The person signing below is authorized to act on behalf of the assignee.

Date: Z2 Thre Zoos

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DOUGLAS R GANSON

Nucor Corporation

Jame Doke

LOUNSON

Title French Coun

ASST. SECT

Power of Attorney by Assigned of Entire Interest-page 2 of 2

Incorporation

(if applicable) or "Not Applicable" a corporation of

PROVISIONAL/PCT PATENT **ASSIG**

ASSIGNMENT TO BUSINESS CONCERN		Attorney Docket No.: Client Reference No.:	29685-73431 01-035.425			
	. A	SSIGNMENT				
	In consideration of the sum each of the undersigned,	of One Dollar (\$1.00) and other good and	d valuable consideration paid to			
Name(s)	Rama Ballav Maha					
of Inventor(s)	Eugene B. Pretorius					
	David J. Sosinsky					
Check applicable	maker(s) of an invention whi	ch is the subject of a United States Provi	sional Patent Application			
boxes and enter serial	_	with a filing date of	and/or			
if available	a □ PCT International Appli	cation, entitled				
Title of	CASTING STEEL S					
Application	hereinafter (the "Application(s)")					

the undersigned hereby sell(s), assign(s), and set(s) over to Name of Nucor Corporation Assignee Address of 2100 Rexford Road principal place of Charlotte, NC 28211 business Insert State of

<u>Delaware</u>

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be decessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PROVISIONAL/PCT PATENT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any divisions or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

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Attorney Docket No.:	29685-76322
Client Reference No.:	

PATENT ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,	c
Name(s) of Inventor(s)	Jay Jon Onderovic Richard Britanik Timo Domanti Glen Wallace	JO12-15-0
	maker(s) of an invention which is the subject of an application for Letters Pan ("Application") entitled	ent of the United States
Title of Application	METHOD AND APPARATUS FOR CONTROLLING STRIP SHAPE	IN HOT ROLLING MILLS
Serial No.: Filing Date:		
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of Assignee	Nucor Corporation	
Address of principal	2110 Rexford Road	
principal place of business	Charlotte, NC 28211	
Insert State of Incorporation (if applicable) or "Not Applicable"	a corporation of <u>Delaware</u>	·

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada; which may be granted for such inventions; or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or Integration.

The undersigned agree(s) to execute: all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Leners Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue shy and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the emire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

IN WITH	IESS WHEREOF, I have executed this assigna	ment at Rowferdsville 1	<u>~</u>
	day of DECEMBER	2004 (city and state or	country if outside USA)
Outside the USA: Witnesses are required when acknowledgment before a Notary Public is not feasible.	Witness	Jay Jon Onderrovic Inventor (Printed Na	mo)
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STATE OF /// COUNTY OF ///) SS:		
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IN WITNESS WHEREOF, I have executed	this assignment at TERA	BA, NSW, AUSTRALIA
this 20 day of JANUARY	2005	city and state or country if outside USA)
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	Attorney Docket No.: 29685-75280
	Client Reference No.: .435
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	PATENT ASSIGNMENT
	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,
Name(s)	Walter N. Blejde
of Inventor(s)	Rama Ballav Mahapatra
	Admin Bahay Manapatta
•	
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of	THIN CAST STRIP WITH PROTECTIVE LAYER, AND METHOD FOR MAKING THE SAME
Application	
	·
Serial No.:	
Filing Date:	
	the undersigned hereby sell(s), assign(s), and set(s) over to
Name of	
Assignee	Nucor Corporation
Assignee	
Address of	2100 Rexford Raod
principal	ZIOO KEX(OFO KAOO
place of	Charlotte, NC 28211
business	Silarinted Inc. Bourt
Insert State of	
Incorporation	a corporation of Delaware
(if applicable) or	
"Not Applicable"	
(hereinafter designated a	s the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority
rights for other countries	arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and
of all other countries, inc	luding Canada, which may be granted for such inventions, or any of them, all such inventions and all
nghts in such Application	n and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of
the term of terms for whi	ch such Letters Patent may be granted, as fully and entirely as the same would have been held and
enjoyed by them had this	assignment and sale not been made.
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foreign countries and and	agree(s) to execute all papers necessary in connection with the application(s) in the United States and
applications and also to	continuing, divisional, or reissue applications thereof, and any reexamination of any of such
or expedient.	execute separate assignments in connection with such applications as the Assignee may deem necessary

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented; with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed; and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, I have executed this as	signment at Cranfords ville, IN, USA
	Chite and state as a second of the TEO ()
this 4th day of Falson	(cuy and state or country if outside USA)
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Outside the USA:	WYZY
Witnesses are Witness	Inventor (Signature)
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acknowledgment before a Notary	W. I. N. W. I.
Public is not Witness	Walter N. Blejde Inventor (Printed Name)
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. ACKN	OWLEDGMENT
STATE OF Indiana)	
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Acknowledged before me a Notary Public within	and for said County and State. Witness my hand and Notarial Seal
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My Commission Expires: 8-22-08	Resident of BOCPL County
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this3	day of February	200	(city and si	ate or country if outside USA)	-
Outside the USA: Witnesses are required when	Witness	-:	RBA Inventor (Sign		-
acknowledgment before a Notary			Rama Ballav	Mahapatra	
Public is not feasible.	Witness		Inventor (Print	ed Name)	
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	Attorney Docket No.: 29685-77524
•	Client Reference No.: 427 CIP
	PATENT ASSIGNMENT
	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,
Name(s) of Inventor(s)	Mary E. Alwin
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	CORROSION RESISTANT NICKEL FREE LOW ALLOY STEEL
Serial No.: Filing Date:	
	the undersigned hereby sell(s), assign(s), and set(s) over to
Name of Assignee	Nucor Corporation
Address of principal	2110 Rexford Road
place of business	Charlotte, NC 28211
Insert State of Incorporation (if applicable) or "Not Applicable"	а corporation of <u>Delaware</u>
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(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

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The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

TIW WIT	NESS WHEREOF, I have execut	ed this assignment at _	Crawfords	ille IN
this 16th	day of March	200.5	(city and state	or country if outside USA)
Outside the USA: Witnesses are	Witness		Mary E. R	1
required when acknowledgment before a Notary			Inventor (Signatu Mary E. Alwin	
Public is not feasible.	Witness		Inventor (Printed	Name)
		ACKNOWLEDGME	INI	
STATE OF T	rdiana ;			
COUNTY OF M	idiana; ss: onlyomery; ss:	•		·
this 164cknowl	edged before me, a Notary Public day of	, within and for said Co	ounty and State. Witness	my hand and Notarial Seal
÷		1	tah J tary Public O eah J	Surford Buford
My Commission E	xpires: 8-22-08	_ Res	sident of Boom	County

(if applicable) or "Not Applicable"

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Attorney Docket No.: _	29685-75778
Client Reference No.:	.440

PATENT ASSIGNMENT

PARK, LLP

HAHN, LOESER &

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,	
Name(s)	Jay Jon Ondrovic	
of Inventor(s)	Richard Britanik	
	Tino Domanti	
	Glen Wallace	
	maker(s) of an invention which is the subject of an application for Letters Patent of the United ("Application") entitled	State
Title of Application	PINCH ROLL APPARATUS AND METHOD FOR OPERATING SAME	
•		
Serial No.:		
Filing Date:		_
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of Assignce	Nucor Corporation	
Address of principal	2110 Rexford Road	
place of business	Charlotte, NC 28211	·
Insert State of Incorporation	a corporation of Delaware	٠.

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. Ţ,

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ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

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IN WITNESS WHEREOF, I have executed this as	
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Witnesses are Witness	Inventor (Signature)
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before a Notary Public is not Witness	Richard Britanik
feasible.	Inventor (Printed Name)
STATE OF Indiana)	OWLEDGMENT
COUNTY OF Montgomeny } SS:	
	and for said County and State. Witness my hand and March Co.
this 16th day of March	and for said County and State. Witness my hand and Notarial Scal
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My Commission Expires: Gan. 5,2012	Resident of Montgoney County

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	LYNTHIA J MCCANDLESS
-	Printed Name
ly Commission Expires: Chan 5,2012	Resident of Minanneau County
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Hahn Loeser o Parks

One GOJO Plaza, Suite 300 Akron, OH 44311-1076 www.hahnlaw.com

FAX TRANSMISSION

Telephone: (330) 864-5550 Facsimile: (330) 864-7986

OH: Cleveland + Columbus + Akron

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TO:		Facsimile	Number:		Phone Number:
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